## Liberal Democrats' Vision of Japan: Us or Chaos

By David E. Sanger

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In Central America, the Guerrillas Show They're Alive


## NATO Will Use Jets In Bosnia to Protect PeacekeepingForce

## PARIS Inveranaioned Hervuld Thibene



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aincraft out of the kkies since Appil -have been
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tary amm of the United Nations.

## UN Command in Somalia

 Strained After U.S. RaidBy. Keith B. Richburg Mnternationach sumppor Pess Sor Serter

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#### Abstract

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Thatcher's Plea For Plebiscite Loses, 445-176

LONDON- Former Prime Minister Marthet Thatcher roroke popeny Wediesday with

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See TREATY, Page 7

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## U.S. Opposes Iran

Still trying' to make an international call without Sprint Express?

For Bosnia Mission
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400 Race Crimes in May in Germany

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TRAVEL UPDATE
Court Condemns Blackpool Beaches






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## SOMALIA: UN Command Strained by U.S. Attack

 Contimed from Page 1 Soined than geveramentant in cricicizing be course of the The lalian dajiy La Repubblica said: 'The Aneri:
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Away From Politics


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## AspinSaid to Back a 'Don't Ask, Don't Tell' Gay Policy

By Eric Schmitt
Now York Times Semar WASHNGTON - Deflence Sare Le Aspin will recenmmend to president

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Mr. Aspin's decision as reporered by the
adivocates would put be bestrayy behind
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## Clinton, at Flood Site, Promises Help

## Des Momes viom Prest   aser rided esin woil comin              



## Impact on Economy

 Likely to Be Minor| By Louis Uchitelle NEW YORK - For all une spec- |  |
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## On India Arms Sale <br> U.S. and Russia Near Compromise


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Killed Doing Their Job


#### Abstract













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## Other Comment




Will No Leader Rise to Meet the Balkan Challenge?


## China Is Too Important to Be Ignored

## By Kenneth Lieberthal

















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A Foe of Gadhafi Takes Up His Case



Imbalance Awaiting Correction

By Gregory Clurk Tion its ballooning trade surplus-
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IN OUR PAGES: 100,




When the Economy Holds More Threat Than Promise

By E. J. Dionne Jr.

Bargains between people fland their communities, furms and government have been shattered.
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LETTERS TO THE EDITOR


## For Green Revolutionaries, A Latin American Triumph

By Richard Gritchfield

|  | farming conjures up images of fertilizers and pesticides poisoning ground water |
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## GENERAL NEWS

## Swiss Seize Italian Fugitive in Scandals

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## New Bloc Defended By Walesa





HE'S JUST ABOUT OLD ENOUGH

# He got in the way of somebody's war. 

Nine out of ten casualties in modern warfare are civilians. The vast majority of its victims never wore a uniform or carried a gun.

In the so-called "post-war" period since 1945 , at least 20 million people have died in over 100 conflicts. A further 60 million have been wounded, imprisoned, separated from their families and forced to flee: their homes or their countries. In over 30 armed conflicts, this human misery is happening now: Yet the Geneva Conventions - ratified by 164 states - lay down clear rules that all victims of war living under the darkness of conflict must be respected.

They bave the right to protec. tion from murder, torture, star ? vation and being taken hostage. To focus attention on the plight of midions of civilians caught in the crossfire, the International Red Cross and Red Crescent Movement is launching a worldwide campaign to ensure that they get the protection and assistance to which they are entitled under international law.

No matter who. No matter where. No matter when.

We call on governments and combatants everywhere to respect the rights of all victims who get in the way of somebody's war. Help us to help them.

LIGHT THE DARKNESS

World Campaign for the Protection of Victims of War
-


Exercise Helps Protect Bones, but Not Alone
 cycling sccne is dominated by an overwhelming Samuel Abs suides you throush the Tour de France
and panns the picture of the spor's sladers.
 Published by Bicycle Books. Inc. IMill Valley,
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## THE <br> NEW AGE OF BICYCLE RACING <br> 



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## Mixed Reviews for Autism Treatments

## HEALTH/SCIINCE

Ideas for a Bone-Bullding Workout
 with hand weights. Here are some exercises that targ
body, and can help increase bone density boctupife.

## Rumors Over Diet Drug Exaggerate Its Potential

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RESISTANCE FOR SHOULDERS AND BACK
These exercises use a resistance stretch band, a strip of stretctiy materied
about a yard long, to counteract rouncting of shoulders and hark

## External rotation

External rotation
Grasp band with both hands;
keep ellows pressed agahs keep. elbows pressed agahst
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The new medication, still
being tested, works by blocking the body's absorption of fat.
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## IN BRIEF

## BOOKS

AMERICAN APARTHED: wien IBM jouns hep parade by an- ing into he widdrle chass, he Umilt Segregation and the
ing of the Underclass
By Doughax S. Massey and San-
Ci. A. Denton 292 pages. Sz. 9.5 S
His. Harvard Ciniversity Pr
Reviewed by
Andrew Billingley Andrew Billingsley This develhpment plus the ten$\mathrm{M}_{\text {poor }}^{\text {fallen shon shor by treanigg the }}$


## BRIDGE





## NE <br> Synergy between partners, drawing on the huge potential of <br> Synergy at work with stemens AG

 Siemens AG for performance capacity far beyond the reach of Siemens Nixdorf on its own, and working with clients to plan and develop the final product: integrated solutions, from central servers in administration to process control computers in the factory - solutions which can only be provided by Siemens Nixdorf working with Siemens AG's plant, transport and automation technology divisions and public and private networks. From "Computer Integrated Railroading"-the computer-supported control and supervision of rail movements atthe Munich North shunting yards - to the integration of diverse computer and database systems for a more efficient construction and redevelopment strategy at Horsham - planned by Siemens and carried out by Siemens Nixdorf. The achievements of "Synergy at work" worldwide translate into benefits for clients in every sector, from BMW to national energy suppliers such as MEW Kuwait. See this new issue of IT World News for more details.Example of synergy in power supply
Kuwait: From high voltage network to data network"Synergy at work" covers the lot.
Example of syniergy in telephone billing

To ensure first-class serviceto its customers the Telephone Organisation of Thailand; (TOT) has decided to ytilize "Synergy at work", by combining the Siemens Digital Public. Switching System EWSD with a SINIXPcomputer with RISC-architecture from the Siemens Nixdorf Group. The company has installed Siemens'.EWSD digital switching system which puts throügh several million phone calls every day, as well as recording charging units. "Synergy at work" then provicharging unt des instant telephone bing at connection pany's branches, through direct connectio of Siemens Nixdorfhigh-speed SINX Xom-
I puters to the EWSD, and a linkto the accou printer at TOT branches. Via the EWSD. system, the computer is immediately infor med of the duration of a public telephone call made by a TOT client. It calculates the units and charges, and prints out the account in Thai script. The advantage for the client is that it is no longer necessary to client is that it is on duty to read the charge wait for the clerk on dutyt and calculate the meter, look in the rate ist and calcuaction opecharge. Instead, the entre transaction

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intelligent expert systems for troubleshooting in the event of system failures. SINCAL provides comprehensive network planning. calculation and analysis - data from the power stations and substations is transmit ted, processed by the computer system and displayed on screen as compressed graphical information. Using this information, the power station operation can be perfectly coordinated and the electricity network aconomically operated - through optimal load distribution. As well as updating the mains technology, MEW's communications transmission network in Kuwait will also be upgraded and modified.

## \section*{Example of synergy in city administration} <br> Munich: Digital networks for closer links with the community.

Siemens Nixdorf OCIS office solution, under the ComfoDesk graphical user interface. The result will be a complete solution linking 10,400 workstations on 250 sites into an in-house network. At the same time, the Administration's various offices, in many cases in buildings protected by preservation orinbers, will be spared costly cablework-ISDN ders, pros ride data transmission simply provides fapiding tephone lines. Text and by using existing telephone withinseconds. graphics can betransferred winseconds. The system also tak
agement:acentratimetable stores appoint ment times for all parts of the Administra. tion and facilitates the organisation of meet ings. The rate at which enquiries are handled and tasks processed is markedly increased. Slow postal and internal delivenies are "out", with correspondence beingsent by electronic mail via ISDN. This saves time and money, and draws the Munich City Administration much closer to the community itserves.


Example of synergy in freightlogistics , ,
Bonn: Billion DMbid hte tpackage for Deutsche Bundespestrr ,

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the barcodes and manages the sorting and distribution of the parcels via conveyor belts, tip-trays and chutes, until they leave the parcel post centre. This is done with such precision that up to 250,000 parcels per day arrive at the night point of destination, for forwarding to delivery areas, delivery bases, or to another parcel post centre. The smooth running of the operation is monitored by afully-integrated reporting system on a Siemens Nixdorf MX 300 computer. The a Siemens Nxdorn ix soomputer. It computer coliects and-displays operational and fault däta from all the connected systems calculatingand monitoring system availability levels. All the parcet post centres are scheduled for completioñ by 31 December 1994, creating a nationwide logistics system which will reduce the number of handing stages per packagefrom uptonineatpresent, to only two Later a tracking and tracing system will be introduced to provide a comprehensive parcel follow-up service.

With 33 new parcel post centres throughou Germany, Deutsche Bundespost has adop
ted a forward-looking concept for freigh movement parcel delivery within 24 hours is to become the standard. The Automation Division of Siemens AG is the main contractor for all the operational management technology at the parcel post centres. Under a : 1.2 billion DM high-tech package, Siemens $A G$ will provide the sorting and distribution: systems and the automation technology, calling on Siemens Nixdorf for computertechnology. The extent of this project can beseen at the first parcel post centre at Hagen fley. ASiemens Nixdorf MX300 coding host comouter with specially developed software and connected PC coding workstations is used to ensure correct distribution ofthe arcels. Each parcel is marked with a barciod bearingall the information on its destination and route. A barcode reader connected to a Simens SIMATIC control system reads ASiemens NixdorfMX300 coding
modern telecommunications technology intothe data network, Siemens AG installed a comprehensive network: the "Integrated Communications Cabling System" (ICCS), which operates over open industry and standard interfaces, integrating available instalations and reducing cable quantity to a minimum. The result is that all the firm's factories an easily communicate with eacin other, computer to computer or telephone to com puter. All via a single communications port.
puters. The aim of this networking is toestablish a modern client-server link connected to BS 2000 mainframes. All PCs will run the with Siemens Nixdorf PCs and SINIXcom

Siemens and Siemens Nixdorf are bringing Munich's City Administration into the hi-tech age, using an integrated data and telecomanc municaionssolul phone networkwill also provide the mean for rapid handling of documents and infor mation, using Siemens Hicom telephone

Example of synergy in pharmaceutics
Ulm: "ICCS" Merckle-ratiopharm's new success formula.

When you're dealing with the synergy between data communications and telecommunications, Sy was the line of reasoning followed by the German pharmaceutical company Merckle-ratiopharm when it commissioned Si mens wanted a completely new network infrastructure to optimis the flow of management, pro duction and logistics information. Siemens Nixdorf did the groundwork tor The company installed a high-perfortor. The company installed a high-perfor operating system and linked to more than 300 workstations. Added to this is the R/2 modular business management user software from SAPAG, Siemens Nixdort's partner - with modules ranging from financial accounting to material control. The first ioint project with Siemens was warehouse Moj For this operation Siemens' MOLAX malar stores management system was modular st on Siemens Nixdorf SINIX open systems computers. Integrated with $\mathrm{R} / 2$, MOLAX gives Merckle-ratiopharm rapid goods distribution and control for the 30,000 pallet spaces available. To link the most


Example of synergy in public administration Horsham District Council bases town planning on a geo-information system.

Horshàm is located just 40 kilometres from London and has to cope with the challenges of being a successful and growing town close to a metropolis. To deal with the constantly changing needs in housing and business re-developments; Horshiam District Council has implemented one of the UK's most ambitious local government $\Pi$ projects. In the first phase of the project Siemens Plessey worked closely with the Council and carried out a detailed employee survey that defined information "workflow" through:out the organisation. From this. informationSiemens Plessey created a corporate data model (CDM), whichwas
used to develop a blueprint for the efficient running of the Council and to inform future $I T$ implementations. In.the second phase of the pro ject Siemens Nixdorf used the CDM informia tionto adyise its installag zspost.
 the Councts stem ${ }^{2}$. the Council's planning: deppartment: SICAB wás

implemented on a mainframe as well as of four UNXX and thiree PC workstations: Around 700 Oidnance Survey maps for the Horsham region were fed into the system. A further 300 sets of maps on statutory buil-: ding restriction building records were also: added SICAD will soon also be accessible on an existing property, geographical and. historical databank, and via a registratioṇ system.With this databank, Horsham's council personnel can respond quickly and in detail to enquinies on building approvals, for examplewhenttiey deal with environmental, legal or historical enqüines Forthis, SICAD data will be retrieved via networked computers and assembled in the appropriate format. The information is then transmitted back and forth between the appropriate departments - without the need to struggle through a jungle of papers and maps, or having to spend hours searching through archive material: According to Martin Pearson; Horsham's Chief Executivë Officer. and prime initiator of the IT project: "With Siemens Nixdorf's geo-information system ${ }_{r}$ we have access to a huge volume of information of benefit to aH sectors of the community."

Example of synergy in the automobile industry


Example of synergy in telecommunications
Vienna: Austrian Post opts for the direct line between Siemens and Siemens Nixdorf.

Digital telephone operation from Siemensservice, management and maintenance from Siemens Nixdorf for the Austrian Post Office and TelegraphAdministration (ÕPTV) this is the ideal combination to bring a new level ofefficiency into telecommunications. The OES-E digital telephone network for most of Austria has been controlled by Siemens'EWSD system since 1985,Siemens Nixdorf now brings extra performance to its operational management. BS2000 computers with the TED subscriber and customer care database, and an extra processorfor operation andmaintenance ofthe EWSD system, are the heart of the newly establish-
ed, multi-functional operations offices. Contelecommunications installations at the operations offices, Siemens EWSD systems in the exchanges, plus data connections in the exChans to the OPTV computer centre. The synergy effect is demonstrated by employees in the operations offices being able to receive notification of faults in the telephone network via the Siemens Nixdorf and Siemens system connection, and to process them directly. The line operation, for example, can be checked from the BS2000 computer at eribech fa fewks. Althe telephone sub If, for example a new connection is reque
sted, the telephone number connection de tails are entered on the data base by the operator. The BS2000 computer then com mandsthe EWSD systemto make the line available Charging details from the EWSD available. syster puter once a day and then conveyed in the processed form to the OPIV computer center for invoicing. As well as achieving new levels of cost effectivenessinnetwork opera tion, ÖPTV, working with Siemens and Siemens Nixdorf, is setting new standards of technology for telecommunications in Europe.

Munich: "Synergy at work" running in top gear at BMW
Customer Service.
ver sater, ever more efficient, ever closer to perfection-but as sophisticated as today's automobile technology may be, its maintenance is placing ever greater demands on mechanics and their equipment - For example, for accurate diagnosis of faults within the complex controi systems of BMWs; the standard workshop equipment has been inadequate to the task. So the Bavarian car manufacturer has ordered -"Synergy atwork", combining Siemens'
latest automation systems and Siemens Nixdorf's information technology for servic ingthelatestautomobiletechnology.TESTER the diagnostics system from Siemens, immediately pinpoints problem areas on the vehicle. TIS, Siemens Nixdorf'stechnical information system, provides efficient backupfor maintenance and service. As an electronic workshop manual using CD-ROM, TIS not only reducesthe flood ofpapertoaminimum; it also provides BMW service techni cians with all the information they need -
from details on the righttool for a particular job to a complete guide to repairs and installation. Both systems are combined in a comprehensive dealer information package with otherSiemensNixdorf components, such as the electronic parts catalogue and business management programs for processingordersand for jobplanning. ${ }^{\text {S }}$ Synergy at work" is running in top gear at BMW, provi ding a highly organised and efficient customer service. stallation. Both systems are combined in a ge with other SiemensNixdorf componens,


la traffic accidentis, break-ins and robberies, every second counts，and policeoperations must be perfectly planned．A technical fault or incorrect information supplied to those running the operation can result in a fiasco
and in extreme cases can even cost lives． and in extreme cases can even cost lives． So，after intensive evaluation of different sys tems，the Federal Ministry of the Interior ordered＂Synergy atwork＂for the Vienna police force－to establish an integrated operations control system．The hardware and network technology for this system comes from Siemens Nixdorf，and the appli－ 5 cation comes from Siemens equipment technology．The result is Pfeil2000．The cor nerstone of this solution is the Siemens NixdorfC50－Servers，which arenetworke with PCs at the operations control head－ quarters－giving a client－server link which
monitors all communications facilities as well as reports of accidents and break－ins． Pfeil 2000 knows straight away where an emergency call has comefrom orwherean alarm button has been pressed．As a further expansion stage，a graphics system will be networked with Pfeil 2000 to aid the police infurther opera－ tional planning：street maps and build－ ing plans will be displayed in a flash．All available resources will then be precisely located and depicted in three－dimensional form via an integrated system of coordin－ ates．Pfeil 2000 also records all telegraphic data－solater on the operation can be recon－ structed，right down to the smallest detail． The client－server architecture of Pfeil2000 additionlly guarantes maximumsystem addionilly iforan immediately take over．


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Example of synergy in power supply
Maria Enzersdorf： Lower Austria Energy Authority plugs in to＂Synergy at work＂，

Asamajor regional electricity supplier the Lower Austria Energy Authority（EVN）must organize power distribution with maximum economic efficiency and reliability．This is why EVN is now calling on the services of Siemens Nixdorf，as well as Siemens AG． Siemens Nixdorf＇s SICAD geographical in－ formation system will be used to manage the operation controlled at regional network centres by the SOSYNAUT Siemens soft－ ware package（in the 100 kV network）and the Siemens SINAUT Spectrum EDP system（in the 20 kV networkl．These supply power to 570,000 standard charge clients and 3000 special users．The first step has been instal－ lation of detailed monitor displays for com－ puters at regional network centres，replacing he previous，oversimplified picture of the witching configurations－invotved a labo－

ributroncedute of movito pitifaround az－ chati：NowSICAD helpsto update the cur－ rent status，digtitise the information and read it into thie régional networkcentre system． EVNis planningto integrate SICAD and the regional network centre computers even more closely．The synergy will lie in changes o switching configurations，for example， being implemented directly in the SICAD system，and then being passed on eutoma－ tically to the computersat regional network centres．The data exchange between the two systems will also enable network calcu lations to be performed in the SICAD sys－ tem，and provide all the information requi－ red for economically efficient and reliable etwork operation－from load distribution and forecasting preventive mainteniance， right through to power consumption and fault statistics．

For further information，please contact． Siemens Nixdorf／nformationssysteme AG UK 41，Otto－Hahn－Ring 6，D－81739 München
works with anelectronic interlocking unit to control and monitor the remote radio－con－ trolled hump locomotive，clasp retarder， propelling system，signals and points．Trains are dismantled and reformed completely automatically．The automated system oper－ ating in Munich is setting the frend for the rest of Germany－andEurope．In－houseoper－ ations are optimised，shunting operations are controlled effectively，and every link in the logistics informationchain from consign－ or to consignee is covered by continuous monitoring．This means that better use can be made of rail transport capacity，moving German railways one step closer to the goal of＂Computer Integrated Railroading＂ nationwide．
dialogue mode by radio．Linked with two H60 computers in the Deutsche Bundes－ bahn computing centre in Frankfurt，these form a powerful systems configuration for rapid and reliable cargo dispatch and freight monitoring of travelling and station－ ary rolling stock．Which train is arriving from where，atwhat time and with which wag ons？When the train arrives，which ivagons need to be put together to form new trains？ Thanks to the latest computer tecinology from Siemens Nixdorf，railway dispatchers have immediate access to this information． All other aspectsaremanaged by＂Synergy at work．For completion of shunting ope－ rations，information is sent to the Siemens MSR32 process control system，which

Example of synergy in traffic engineering

## Munich：Management system signals

 the way ahead for Munich North shunting yards．Siemens and Siemens Nixdori are looking to put German railways on the right track into the next millenium，with the introduc tion at Munich North shunting yards of what this forward－looking company eventually plans to implement over the entire rail net ork．Computer integrated Ralroaltigic withup－to the minut computertechnolog． As part of the TS＇ 90 transport control sys－ tem，Siemens Nixdorf has assembled a powerful management system consisting of two H 60 processing computers running on the BS2000 operating system，network ed workplace servers and portable mini computers for mobile data acquisition in
Authority at work＂．


INTERNATIONAL MANAGER

## Homosexuals Find Rise

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## Official Says Japan

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Trade With Russia Brings Back Barter


## Auto Targets Elude EC and Japan



## U．S．Consumer Prices Steady in June

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## Dell Sees Loss，Stock Plunges











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## Price Data Boost Stocks and Bonds



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## British Aerospace Regains Favor

## Investors Warm to Management's Plan for Company

| Richard W. Stevenson LONDON. - By rights these shopid not |  |  |
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## JPEN: Office Tolerance Increases BARTER: Trading With Russia




Saab Guards Niche With New 900 Model

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## The Vietnam Energy Bust

## So Far, Wells Have Come Up Empty




Doubled Earnings In China Industry Alarming to Beijing


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INTERNATIONAL REGRUITMENT

## International Organization based in Geneva is looking for: <br> Comptuter Project Managex

The project includes the specification of requirements and placing of contracts to
design and implement multi-user transaction-processing, with storage of data and The project includes the specification of requirements and placing of contracts to
design and implement multi-user transaction-processing, with storage of data and
dint documents imaging on a client server RDMBS. Required qualifications:
Minimum of 10 years professional experience at managenal level in the field of software design and implementation.

- Extensive experience with large on line database applications, including design
- Experience in Proiect Management techniques and supervision of staff and
- Understanding of LANs and client/server architecture.
- Familiarity with PC software and equipment (including DOS and WINDOWS) Excellent knowledge of the English language and good knowledge of French. - University degree or equivalent, preferably in the field of Computer Science or Management.
Contract: One year, renewable annually.
Immediate position.
Title and level of the post: Chief, Information Systems Section, P-5
Indicative minimum (net) annual remuneration USS 49,669 (vithout dependents) Indicative minimum (net) annual remuneration uss 53,669 (with dependents) plus a cost-of-living adjustment.


## Candidates should send a detailed Curriculum Vitae to:

Chief of Personnel
United Nations Office in Geneva
Palais des Nations
Palais des Nations
$\mathrm{CH}-1211$ Geneva 10 , Switzerland
Fax: $4122917-0005$
Deadline: 31 July 1993.

## 

## AFREXIMBANK

The African Expont Impon Bank (Afreximbank) is to
be established during the 3rd quanter of 1993. It will be established during the 3rd quanter of 1993. It will
be an International Institution with shareholders consisting of African governments. Affican Central Banks. the African Development Bank. African and non-African financial institutions. private investors and others. It will be headquanered in a Nonh
African city and will open branches heginning with African city and will open branches heginning with
one in Southem Africa. Afreximbank's mandate is to increase expons from Africa and to expund intraAfrican trade. In will finance exporters and imponers directly and indirectly through trade finance institutions such as commercial banks.
The Afreximbank seeks a Presidens who will be its
Chief Executive Officer responsible for ormaizing Chief Executive Officer responsible for orranizing
and establishing the operations of the new institution as expeditiously as possible.
The candidate should be a national of an Arrican
state with extensive experience in international bankstate with extensive expenence in international bank
ing and in managing complex orzanizations. He or she must be a persion of very high calibre :nd an effective communicator who will conmmand the
respect of senior government officiuls and intermarespect of senior government officisls and interma-
tional bankers. The candidate musl be fluent in either English or French with a working knowledge of the
other. Knowledge of Arabic and/or Portugnese will other. Knowledge of Ar
be a definite advantage.
Interested candidales should write in confidence to Mr. J. W. OTIENO, Deputs Director, Central Projects Department (Coordinator,
AFREXIMBANK), African Development Bank B.P. I387, Abidjan. Cote d'lvaire. Fax \# (225) 2049 B.P. I387. Abidjan. Cote d'vaire. Fax \# (225) 2049
07. Applications should be receivel no later than 31 07. Applica
July, 1993.

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## Indurain, in Alps, Puts Stamp on Tour

## Mitterrand Throws Support to 'Intelligent' Tapie

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